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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/719,162	11/21/2003	Jacob Lahijani	FLO233USNA	2357
23906 7590 07/09/2010 E I DU PONT DE NEMOURS AND COMPANY LEGAL PATENT RECORDS CENTER BARLEY MILL PLAZA 25/1122B 4417 LANCASTER PIKE WILMINGTON, DE 19805				
			EXAMINER FLETCHER III, WILLIAM P	
			ART UNIT 1715	PAPER NUMBER
			NOTIFICATION DATE 07/09/2010	DELIVERY MODE ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

PTO-Legal.PRC@usa.dupont.com

Office Action Summary

Application No.

10/719,162

Applicant(s)

LAHIJANI, JACOB

Examiner

William P. Fletcher III

Art Unit

1715

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 15 December 2009.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1, 4-7, 14-16 and 18-22 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1, 4-7, 14-16 and 18-22 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SB06)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date _____
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____

DETAILED ACTION

Response to Amendment

1. The amendment and remarks filed on 15 December 2009 are noted with appreciation.
2. Claims 1, 4-7, 14-16, and 18-22, are now pending.

Response to Arguments

3. Applicant's arguments, see the remarks, filed 15 December 2009, with respect to the rejections set forth in the Office action mailed 22 September 2009, have been fully considered and are persuasive. The term *rotolining* is given patentable weight and properties of the rotolined composition are recited. Since the art of record neither teaches nor suggests rotolining, the rejections have been withdrawn.

Claim Rejections - 35 USC § 112

4. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

5. Claims 1, 4-7, 14-16, and 18-22 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

A. The metes and bounds of claim 1 are unclear. The preamble of the claim indicates that it is directed to a composition, but refers to *rotolining*, which is a process. Since the claim does not recite *rotolining* as part of an active process step, it is unclear whether rotolining is actually required or whether it is merely a hypothetical or optional recitation.

B. The Examiner suggests redrafting the claim as a process claim:

1. (currently amended) A rotolining process, comprising:
rotolining [[A]] a dry melt flowable rotolining composition on
steel;
said composition consisting essentially of particles of fluorine
exposure-stabilized tetrafluoroethylene/perfluoro(ethyl vinyl
ether) copolymer having an average particle size of about 100 to
3000 μm and sphere factor of less than 1.5 and 0.2 to 2 wt% of
adhesion promoting, non-bubble promoting metal powder, the
formation of said composition occurring after the fluorine
exposure of said copolymer to obtain said fluorine exposure-
stabilized tetrafluoroethylene/perfluoro(ethyl vinyl ether)
copolymer[[,]]; wherein the rotolining formed on said steel from said
composition ~~having~~ has adhesion to said steel characterized by a
peel strength of at least 25 lb/in.

While the above amendment is merely a suggestion, it is necessary to clearly define that the peel strength is the result of actually rotolining the claimed composition. Should Applicant adopt this change, the dependent claims must be amended accordingly.

C. In the alternative, the Examiner suggests the following amendment:

1. (currently amended) A dry melt flowable composition consisting essentially of particles of fluorine exposure-stabilized tetrafluoroethylene/perfluoro(ethyl vinyl ether) copolymer having an average particle size of about 100 to 3000 μm and sphere factor of less than 1.5 and 0.2 to 2 wt% of adhesion promoting, non-bubble promoting metal powder, the formation of said composition occurring after the fluorine exposure of said copolymer to obtain said fluorine exposure-stabilized tetrafluoroethylene/perfluoro(ethyl vinyl ether) copolymer, wherein, upon [[the]] rotolining ~~formed~~ said composition on steel ~~from said,~~ the rotolined composition ~~having~~ has an adhesion to said steel characterized by a peel strength of at least 25 lb/in.

D. In claim 20, the phrase *said number of unstable end groups* lacks antecedent basis. The Examiner suggests amending the claim to depend from claim 19.

E. Claim 22 appears redundant since, regardless of how one reads claim 1, it appears to already recite a rotolined coating of the composition.

Allowable Subject Matter

6. Claims 1, 4-7, 14-16, and 18-22, would be allowable if rewritten or amended to overcome the rejection(s) under 35 U.S.C. 112, 2nd paragraph, set forth in this Office action.
7. The following is a statement of reasons for the indication of allowable subject matter: The prior art neither teaches nor suggests the claimed rotolining composition.

Conclusion

8. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to William P. Fletcher III whose telephone number is (571)

272-1419. The examiner can normally be reached on Sunday, 5:00 AM - 12:00 PM and Monday through Friday, 5:00 AM - 3:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Timothy H. Meeks can be reached on (571) 272-1423. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/William Phillip Fletcher III/
Primary Examiner, Art Unit 1715

6 July 2010